

FIG. 1

2/10

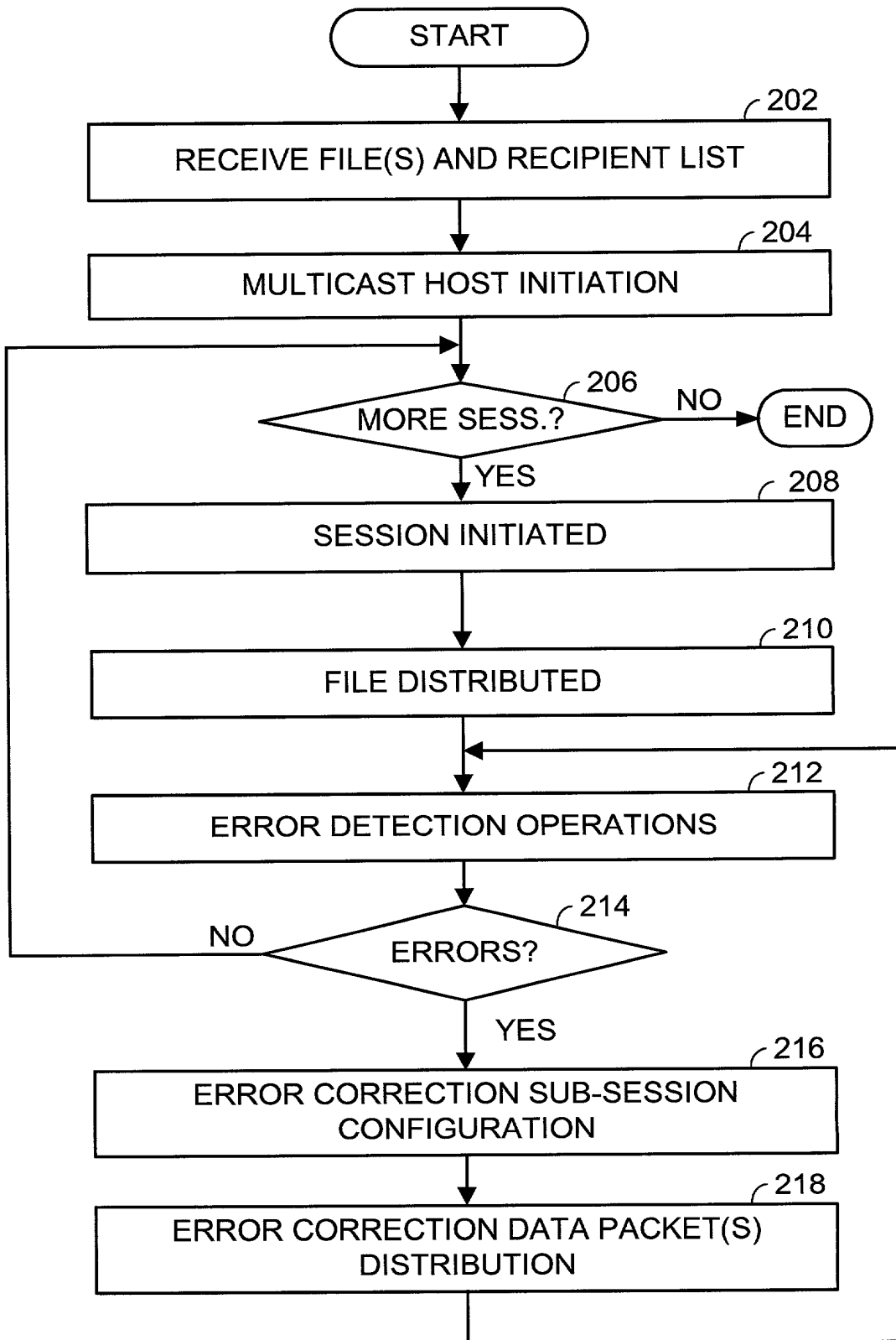


FIG. 2

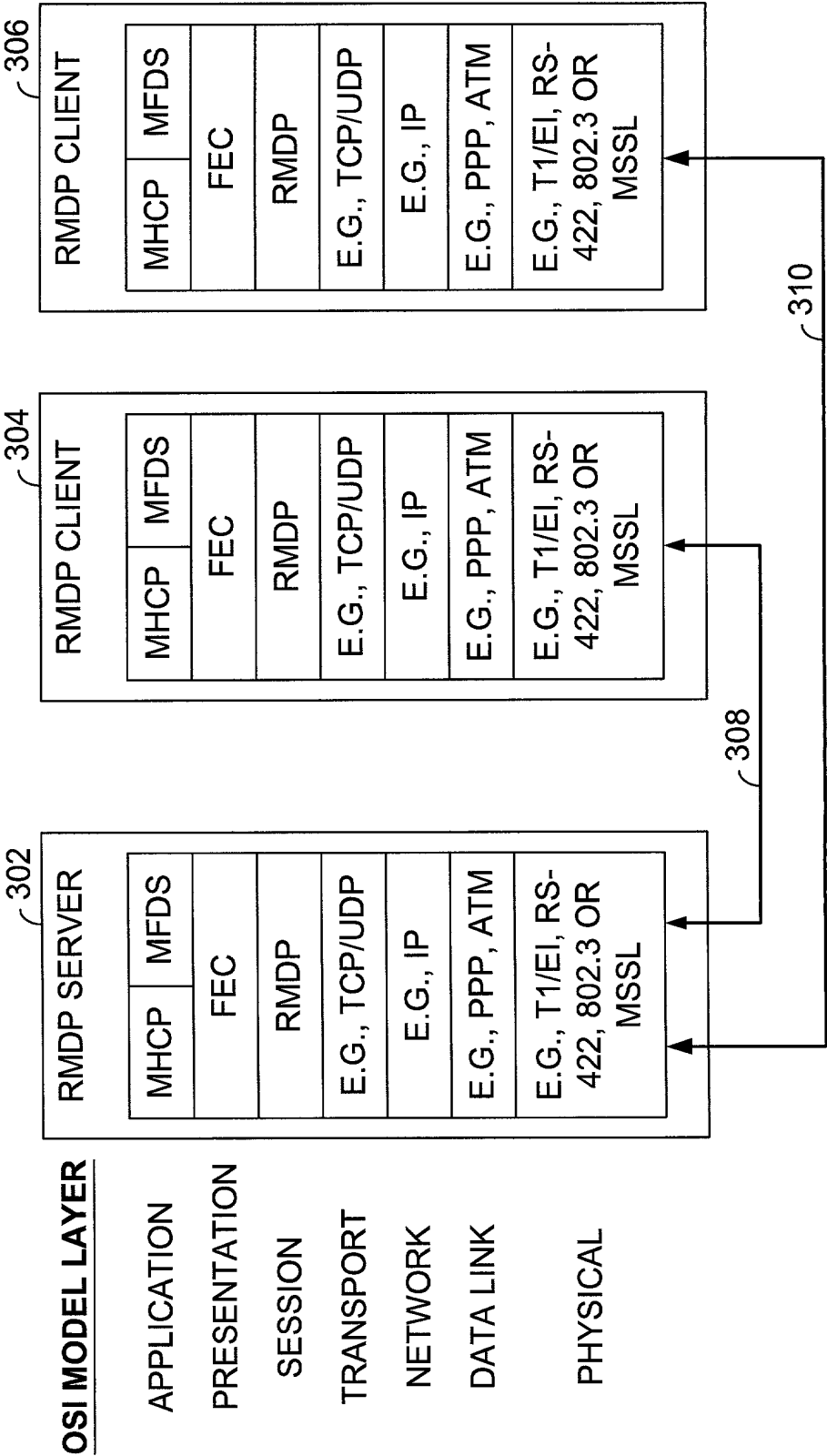


FIG. 3

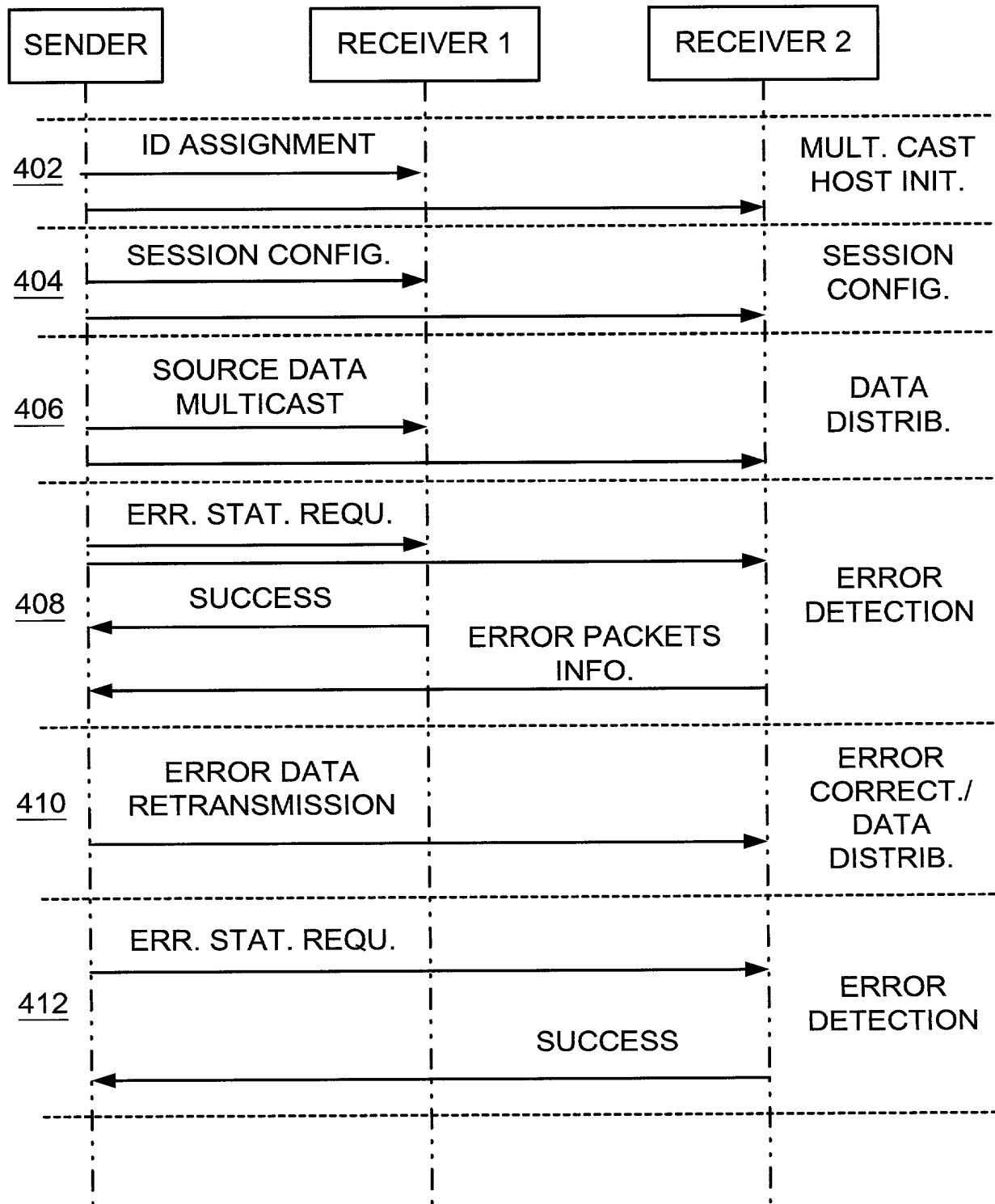


FIG. 4

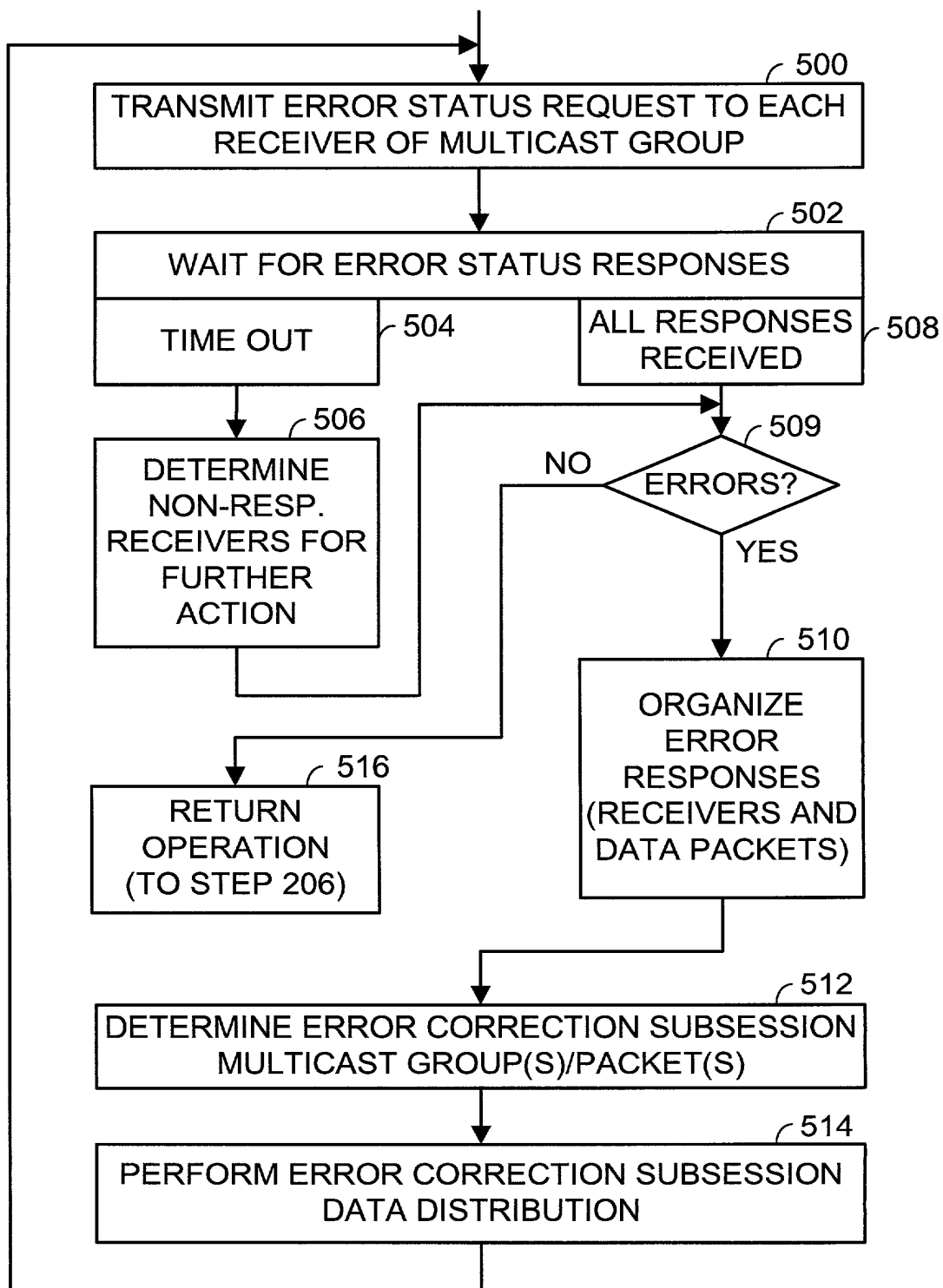


FIG. 5

6/10

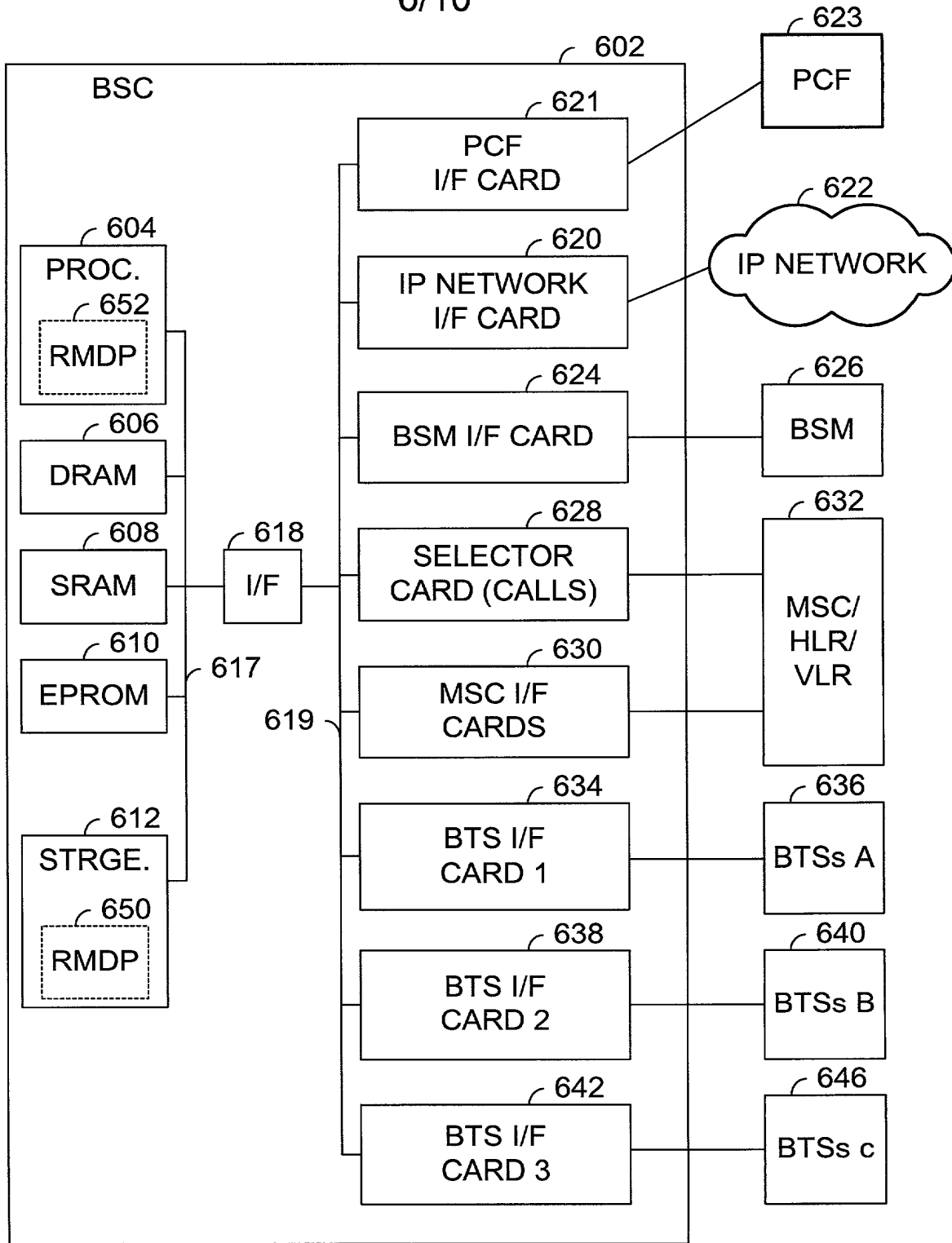


FIG. 6

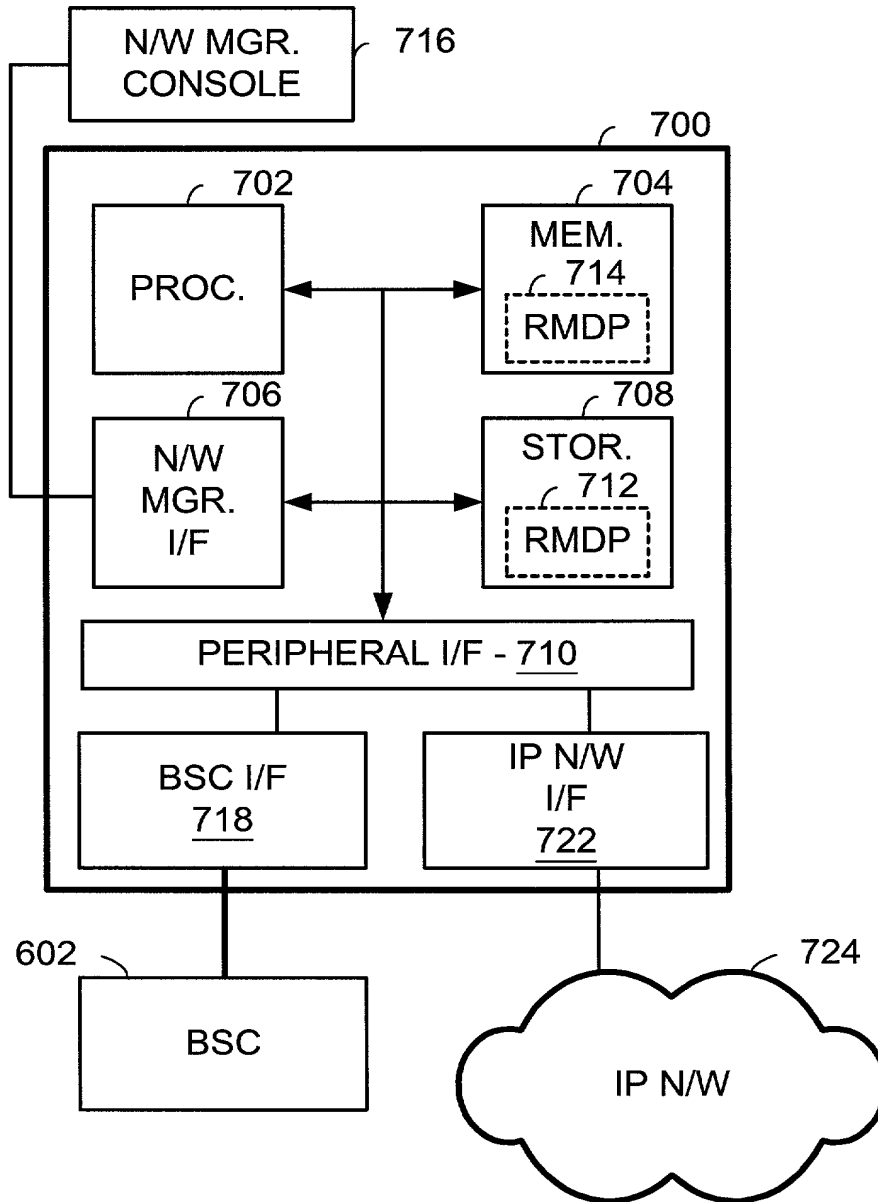


FIG. 7

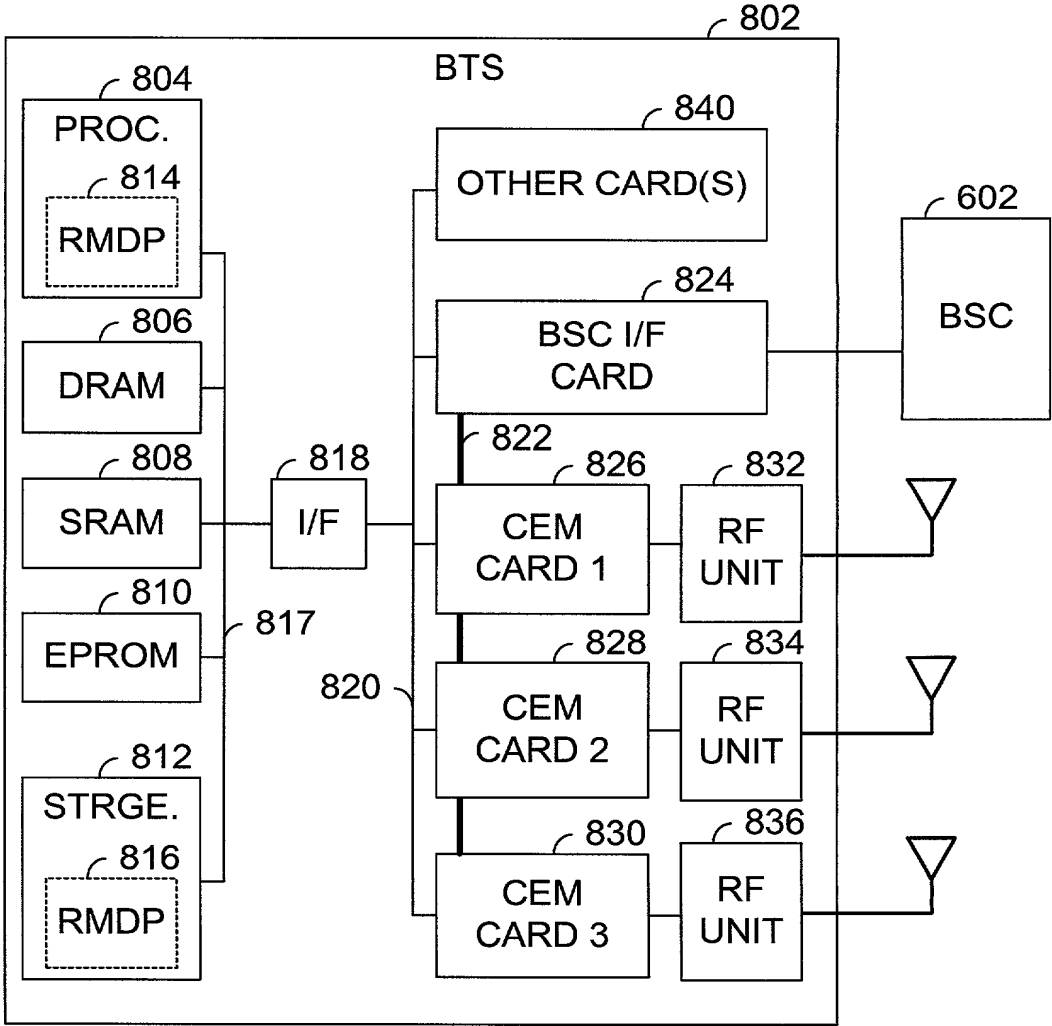


FIG. 8

9/10

START

MFDS SERVER RECEIVES SET OF NETWORK
ADDRESSES AND FILE(S) FROM ITS CLIENT
APPLICATION

MFDS DIRECTS MHCP TO PERFORM MULTICAST HOST
ID INITIALIZATION

MHCP REPORTS INIT.
FAILURE

MHCP RETURNS
SET OF HOST IDS

MFDS REPORTS FAILURE
TO ITS CLIENT APP.

MFDS INITIATES
RMDP

END

NEW
SESSION?

YES

RMDP INITIATES SESSION FOR A FILE MULTICAST

DISTRIBUTE FILE DATA

RMDP PERFORMS ERROR DETECTION OPERATIONS

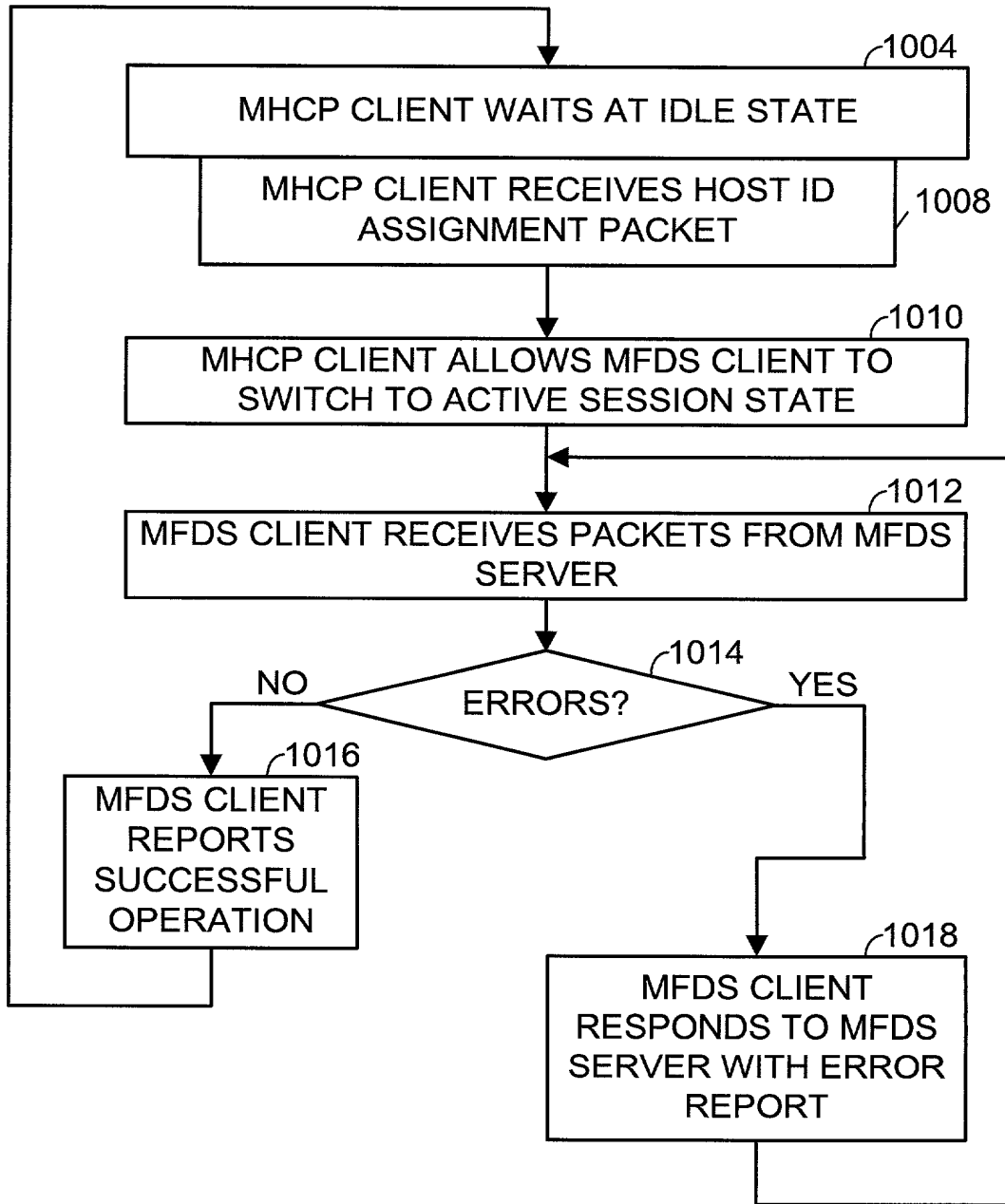
ERRORS?

NO

YES

RMDP PERFORMS ERROR CORRECTION SUB-SESSION
CONFIGURATION

FIG. 9

**FIG. 10**